

## PMBelCOL PEmails

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**From:** Neil Haggerty [neilhaggerty@comcast.net]  
**Sent:** Sunday, March 16, 2008 5:13 PM  
**To:** Mallecia Hood  
**Subject:** RE: Bellefonte

**Mallecia,**

**We do not have the January 31, 2006 Draft Environmental Site Audit Guidance. Is this publicly? I searched the NRC website, but could not find it.**

**Neil Haggerty**  
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-----Original Message-----

**From:** Mallecia Hood [mailto:Mallecia.Hood@nrc.gov]  
**Sent:** Monday, March 10, 2008 5:11 PM  
**To:** Neil Haggerty  
**Subject:** Bellefonte

Our hydrologists said

"We're interested in water quality in Guntersville Reservoir and Town Creek embayment, the analysis of blowdown releases (thermal and chemical) to Guntersville Reservoir, the releases made to Town Creek (chemical), dredging impacts, where releases are monitored prior to release, and monitoring (surface and groundwater)."

The detailed interests in water quality include:

1. permits
2. bathymetry data
3. groundwater quality
4. chemical treatment - where occurs
5. sanitary effluents
6. runoff quality characterization
7. water quality of Town Creek embayment
8. dredging
9. thermal impacts
10. laboratory wastes, character and discharge
11. monitoring locations prior to release
12. dilution factors for Guntersville Reservoir and Town Creek Embayment
13. monitoring of water quality and thermal impact

To the question on what we meant by “Waste” in our sessions titled Health Physics and Waste Dan Strom replied:

“It really should be "Waste Systems", which refers to Radioactive, Mixed Waste, etc., as described in ESRP Sections 3.5, 3.6, 5.5; Appendix P of the Jan. 31, 2006 Draft Environmental Site Audit Guidance describes the approach during a site audit. Do they have this document?

ESRP Sections:

3.5 Radioactive Waste Management System

3.6 Nonradioactive Waste Systems

3.6.1 Effluents Containing Chemicals or Biocides

3.6.2 Sanitary System Effluents

3.6.3 Other Effluents

5.5 Environmental Impacts of Waste

5.5.1 Nonradioactive-Waste-System Impacts

5.5.2 Mixed Waste Impacts

Mallecia Hood

Environmental Project Manager

Nuclear Regulatory Commission

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**Hearing Identifier:** Bellefonte\_COL\_Public\_EX  
**Email Number:** 254

**Mail Envelope Properties** (9458271FAB7B416A8C090CE3242E2412)

**Subject:** RE: Bellefonte  
**Sent Date:** 3/16/2008 5:13:29 PM  
**Received Date:** 3/16/2008 5:13:45 PM  
**From:** Neil Haggerty

**Created By:** neilhaggerty@comcast.net

**Recipients:**  
"Mallecia Hood" <Mallecia.Hood@nrc.gov>  
Tracking Status: None

**Post Office:** NeilHaggertyPC

<b>Files</b>	<b>Size</b>	<b>Date &amp; Time</b>
MESSAGE	2297	3/16/2008 5:13:45 PM

**Options**  
**Priority:** Standard  
**Return Notification:** No  
**Reply Requested:** No  
**Sensitivity:** Normal  
**Expiration Date:**  
**Recipients Received:**